REPUBLIQUE D'HAÏTI

SYSTÈME NATIONAL DE GESTION DES RISQUES ET DES DÉSASTRES

JEAN-BUTEAUX CORIOLAN,

DATA COLLECTION AND PROCESSING IN EMERGENCY SITUATIONS

Conference of Bahamas

Wednesday May 22, 2013

Comprehensive Disaster Risk
Management (J1200654)

Haiti Job Report

PRESENTATION OF HAITI

●Statistics ●Napshot ● Hazards and disasters

- **10 413 211 millions inhabitants**
- **Nearly 2.5 million in Port-au-Prince**
- **40% of young people are aged 0-14 years old**

- **56 % of Haitians live on less than one dollar per day ; 76% less than two dollars**
- **GDP per capita : US$ 1.200**

Area
- 27 750 sq km or 10,714 sq mi
- 10 Departments
- 42 Arrondissements
- 140 Communes
- 64 Quarters
- 570 Communal sections

Human Development Index
- 0.454 – 158th out on 187 countries

Languages
- Haitian creole, french

2 main seasons
- Rainy : from April to June and from September to November
- A relatively Dry : from December to March

Temperature
- 25 ° C to 30 ° C in the plains
- 15 ° C and 20 ° C in the mountains

Capital : Port-au-Prince
Head of State : President Joseph Michel Martelly
Head of Government : Prime Ministry Laurent Salvador Lamothe

Haiti, first independent black Republic is internationally known for its culture, painting, music and its welcome to visitors.

Carnaval Sans Souci 2013
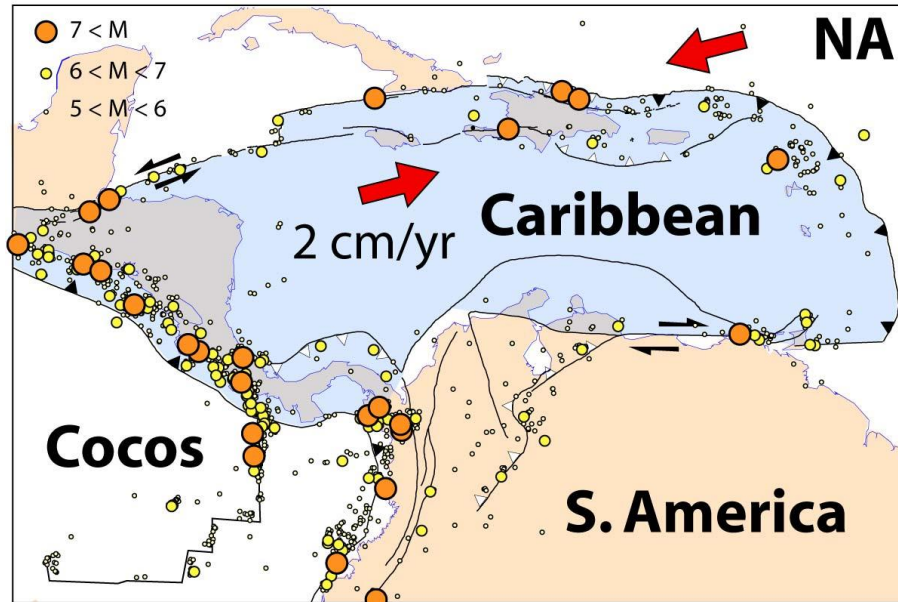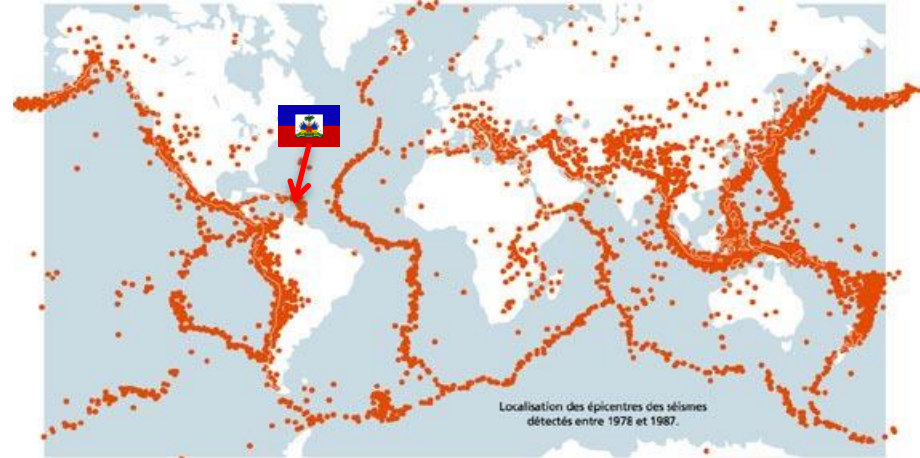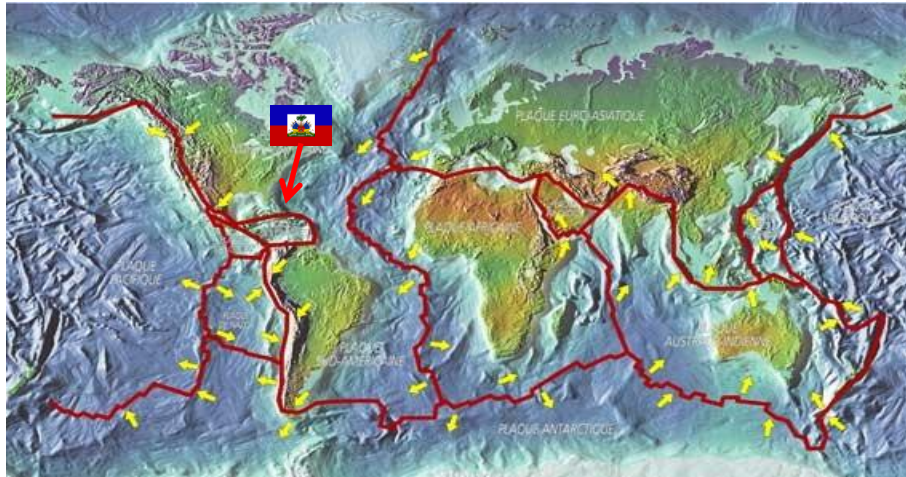...*se la pou'w la!*

- Banner announcing the 2013 carnival
- Sans-souci Palace, Milot
- Mural at Toussaint Louverture International Airport, Port-au-Prince
- Haitian Artisanat !

LANMOU

SOLIDARITE

AYITI SE NOU

KONBIT www.fotokonbit.org

Experience it !

The Greater Antilles in general, and Haiti in particular, is an active seismic region

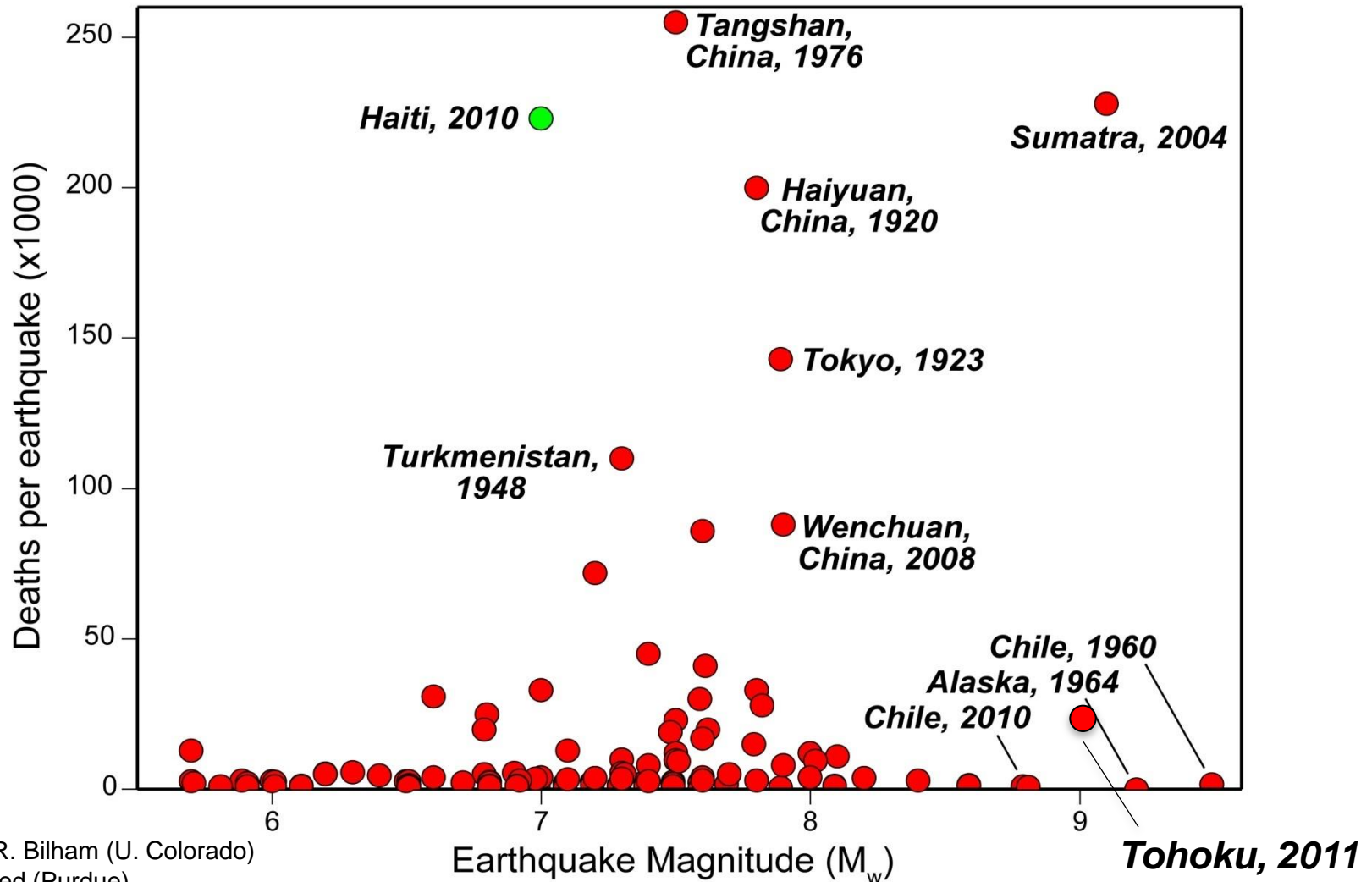*Source : Pr Eric Calais, Purdue University, Indiana USA*

■ **Date : 4:53 pm, Jan. 12th, 2012** – **Epicenter : near Léogâne (Ouest Dept)** . **Scale : 7.0 on Richter** - **Dead : More than 217.000** - **Financial damage : 120% of GDP**

■ Inadequate foundation – liquefaction observed in the Port area ; Inadequate design – soft story building ; Unsuitable materials , Inadequate planning

Compilation R. Bilham (U. Colorado)
Figure A. Freed (Purdue)

▪IDP remained in shelters
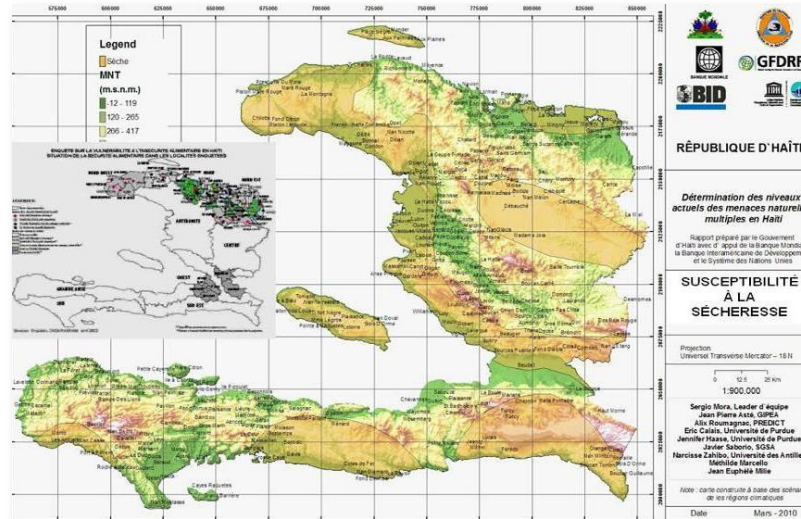
…2010

1.500.000 IDPS
in 1565 camps

May 2013
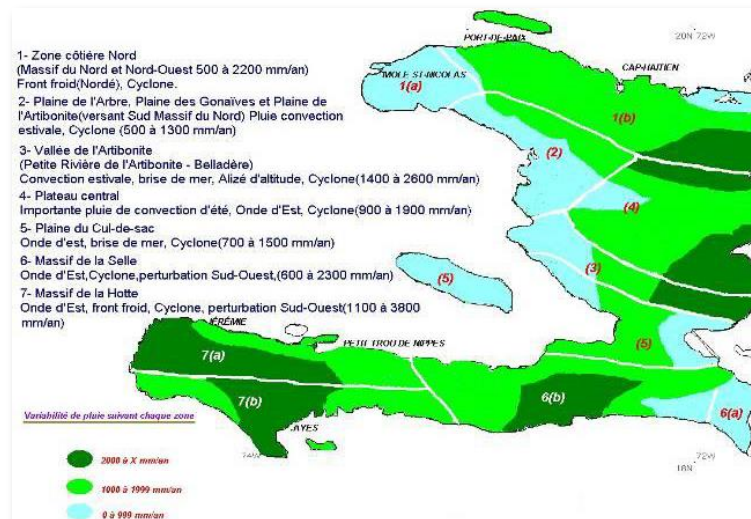
320.000 IDPS
in 385 sites

Hydrometeorological and climate-related hazards : Droughts; Heavy rainfall ; Average rainfall and climate zones ; flood hazard
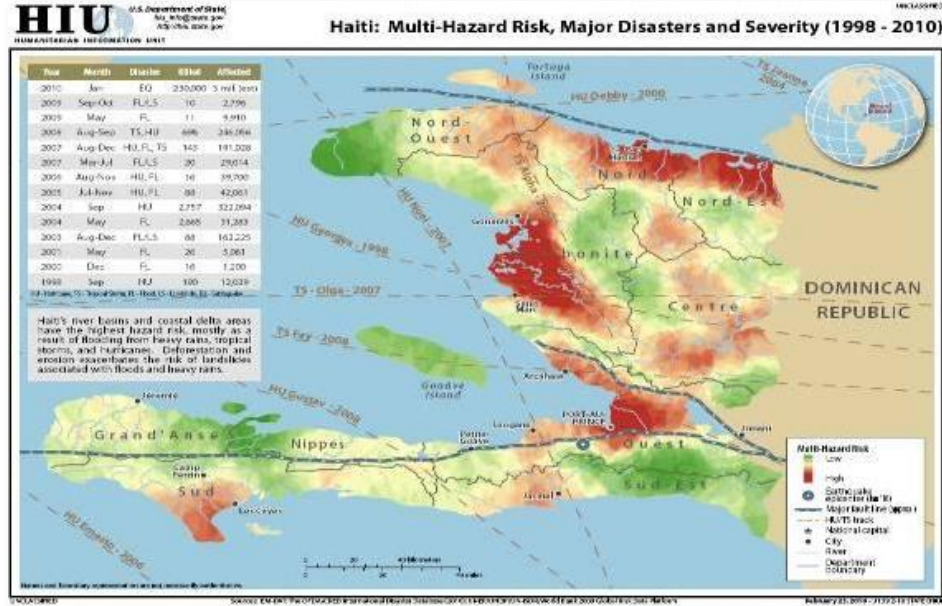

- **Map of the regions most exposed to drought. The insert box shows the regions hardest hit by food insecurity.**

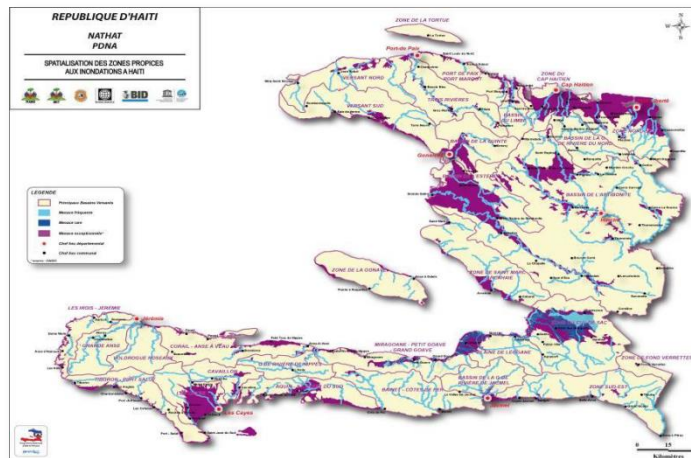- **Main sources of rainfall and climate zoning (Source: National Meteorological Center of Haiti)**

Hydrometeorological and climate-related hazards : Droughts; Heavy rainfall ; Average rainfall and climate zones ; flood hazard ; Hurricane

- **Cyclonic events and floods in Haiti (1998-2010). Source: EM-DAT– International Disaster Database**

- **Preliminary map of the hazard of river flooding in Haiti.**

- **In 2008 and less than a month, hurricanes and tropical storms Fay, Gustav, Hannah and Ike caused 793 deaths and injured 548,**
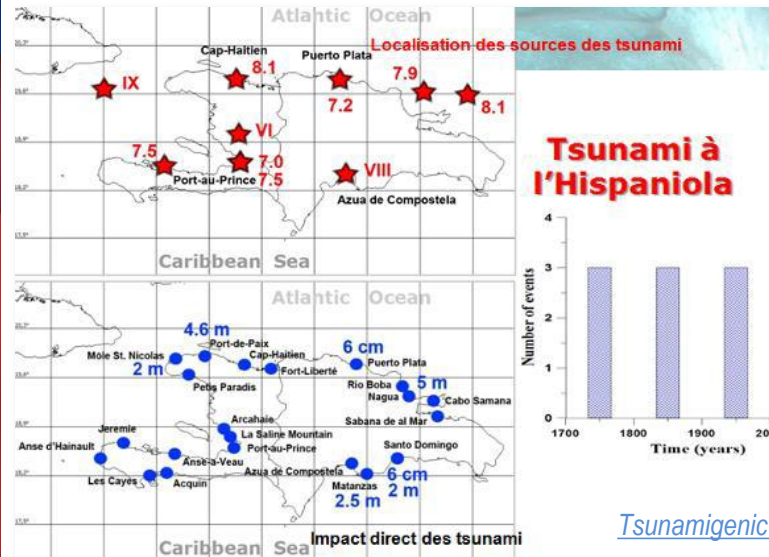

- **Hinche, Centre – Route de l'Amitié, Sud-est – Cabaret, Ouest – Gonaïves, Artibonite, in 2008**

▪ **External geodynamic hazards : Slope failure**
Coastal hazards: tsunami ; The effects of storms ;
Storm surge ; Coastal flooding ; Coastal erosion

Le Village commercial center, Montana hotel; December 6, 2009; and February 16, 2010

Delta coastline in southeast Port-au-Prince, overrun by urban development.

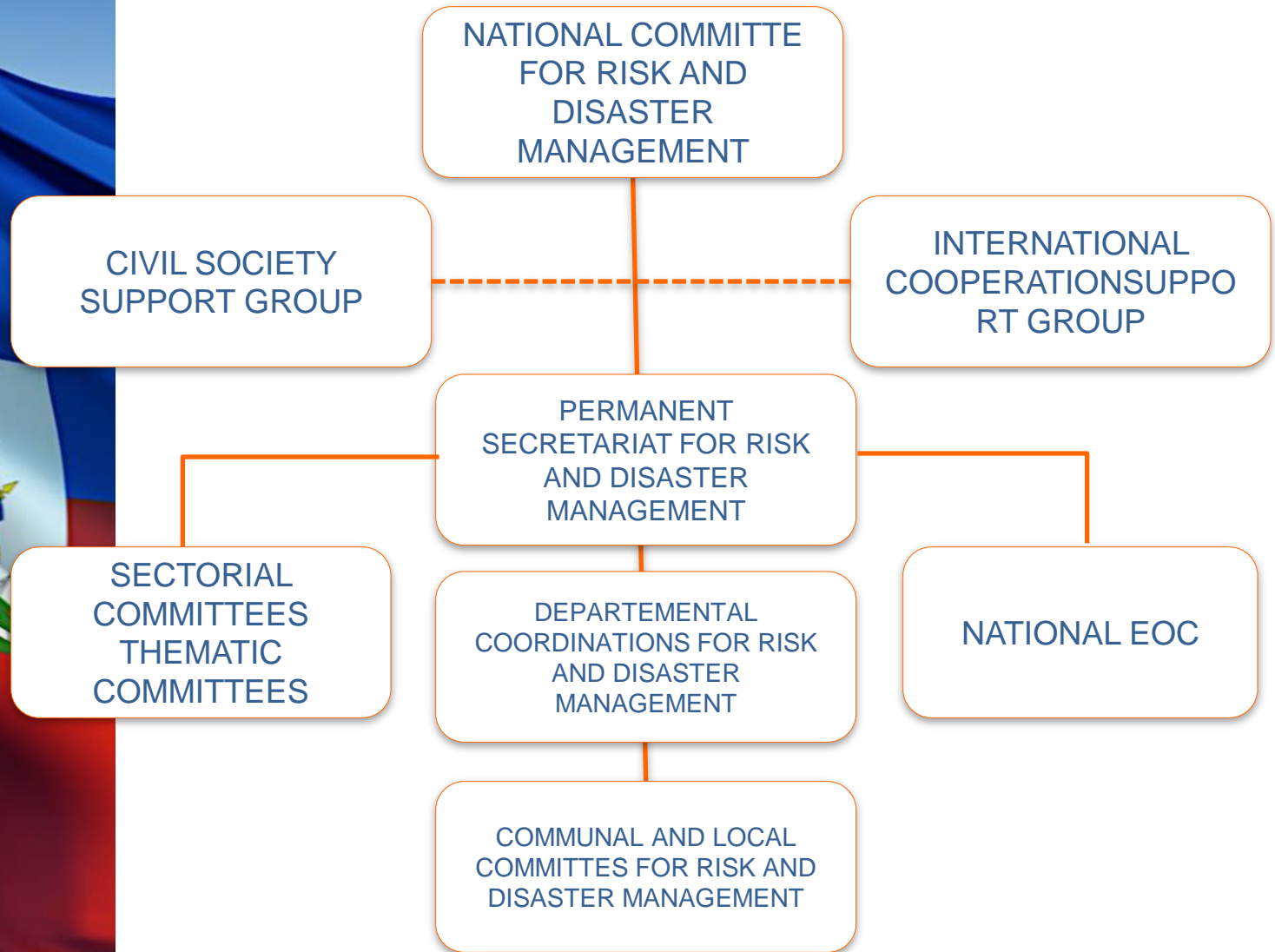*Tsunamigenic earthquakes on the island of Hispaniola*

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SNGRD CHART

● Brief history of the SNGRD ● The SNGRD Chart

• SNGRD Chart

NATIONAL COMMITTE FOR RISK AND DISASTER MANAGEMENT

CIVIL SOCIETY SUPPORT GROUP

INTERNATIONAL COOPERATIONSUPPORT GROUP

PERMANENT SECRETARIAT FOR RISK AND DISASTER MANAGEMENT

SECTORIAL COMMITTEES THEMATIC COMMITTEES

DEPARTEMENTAL COORDINATIONS FOR RISK AND DISASTER MANAGEMENT

NATIONAL EOC

COMMUNAL AND LOCAL COMMITTES FOR RISK AND DISASTER MANAGEMENT

Ressources humaines pour la collectes de données

National staff

10
Departmental committees / 10 departments

130
Communal committee s / 140 communes

174
Local committee / 570 communal sections

3022
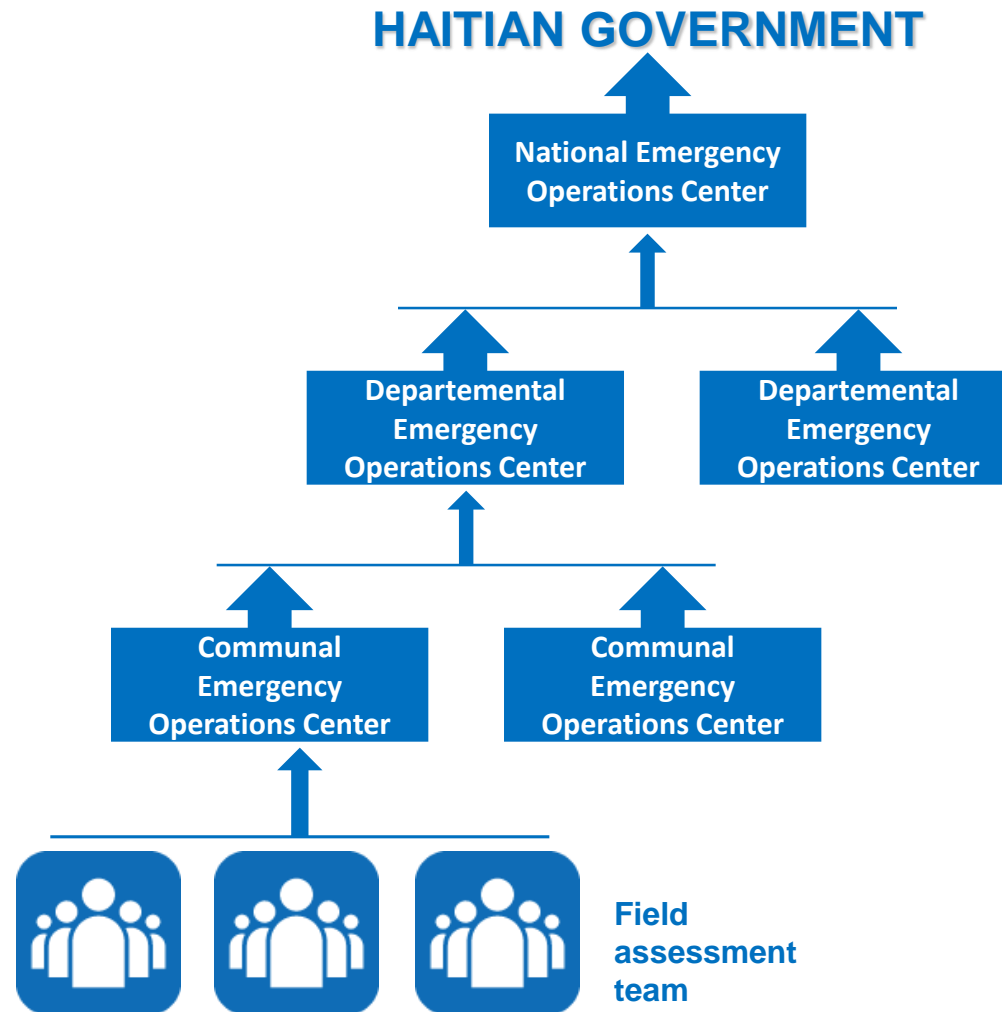**New trained research and rescue volunteers**

- **Tools :** Assessment forms are used in the field by trained team in **Damage Assessment and Needs Analysis** (DANA) ;
- **Stakeholders :** Civil Protection Directorate, Red Cross, Sectorial Ministries, UNDP, OCHA…

Data collection and processing process

The national and international partners are involved in all the process

HAITIAN GOVERNMENT

National Emergency Operations Center

Departemental Emergency Operations Center

Departemental Emergency Operations Center

Communal Emergency Operations Center

Communal Emergency Operations Center
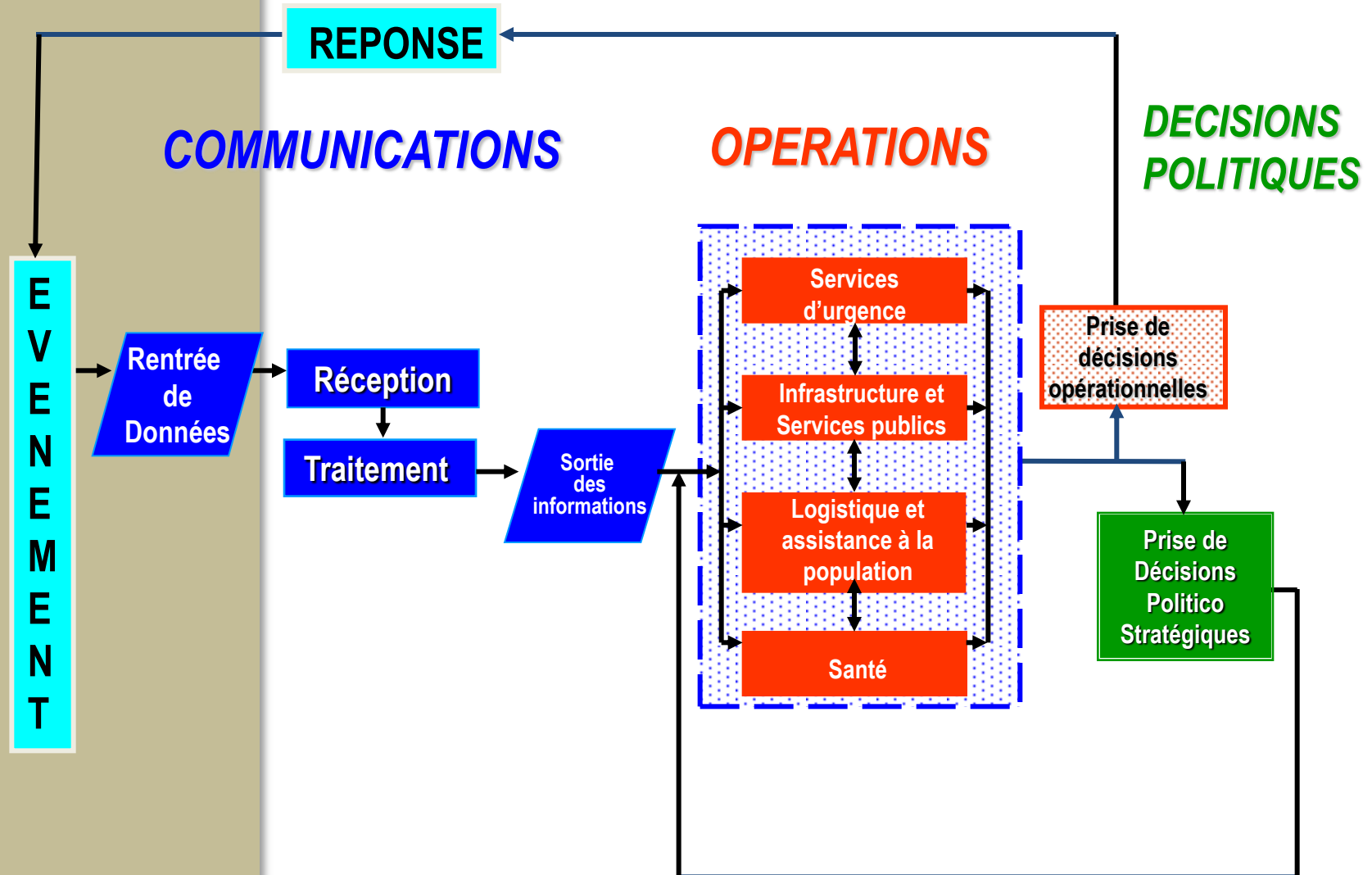
Field assessment team

Logiciel et matériels utilisés

- **Windows 7, Excel** (en ligne sur google et hors ligne) ;
- Fiches d'évaluation, téléphones portables et ordinateurs personnels

Importance of data collection an processing - chart

Appui d 'OCHA et du PNUD dans ce domaine

- **Harmoniser** les outils de collecte de données;
- **Réduire le délai** du processus de collecte et de traitement de données ;
- **Améliorer la qualité et la fiabilité** des données collectées ;
- **Organiser l 'archivage** systématique;
- **Bien définir les objectifs** pour la collecte des données;
- **Mettre à jour les lignes** de base après chaque événement.

Bonnes pratiques

- Utilisation systématique de la grille d´évaluation;
- Positionnement de la Direction de la protection civile comme source officielle d´information sur les catastrophes;
- Évaluation systématique de la gestion des urgence;
- Utilisation expérimentale d´un tableau de bord numérique sur google docs;

MERCI !!!!!